

Date: Tuesday, 03/02/2009 2:34:45 PM
 User: Julie Dawson

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: WEARPLATE KIT
Job Number	: 45467		
Estimate Number	: 13773		
P.O. Number	:	Part Number	: D206559033
This Issue	: 03/02/2009 S.O. No. :	Drawing Number	: DSI 9431 REV.A
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: / / Type : LARGE FAB ASSY	Drawing Revision	: A
Previous Run	:	Material	:
Written By	:	Due Date	: 23/02/2009
Checked & Approved By	: <u>JLD 09-02-03</u>	Qty:	2 / 4 Um: Each
Comment	: Est Rev:A 09-02-03 new issue DD verified by:JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
-----	----	------------------



Comment: DOCUMENT CONTROL

Photocopy bluefile and type labels per PPP D206-559-033 and DSI9431 CHG 001

Solo 3/6

2.0	D3859041	Wearplate
-----	----------	-----------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Wearplate

batch: 45472

9/3/4

SP

3.0	AN415A	Bolt
-----	--------	------



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Bolt

batch: 109148

SS

09/02/06 (x)

4.0	AN417A	Bolt
-----	--------	------



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Bolt

batch: M109061

SS

09/02/06 (x)

5.0	NAS1149D0463J	Washer
-----	---------------	--------



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Washer

batch: M16523

SS

09/02/06 (x)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE KIT

Job Number: 45467

Part Number: D206559033

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

MS21042L4

Nut



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Nut

batch: M169282

SS 09/02/06 EU

7.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

5026364 @

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D206-559-033 and DSI9431

Location:

PPP Rev: A

9/3/4

(SK)

SV

9.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/03/05

Job Completion



MR
09-03-04

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-559 REV. H OR EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-559 REV. 1 OR EARLIER
REF. TCCA STC: SH92-17
REF. FAA STC: SH1031NE
REF. LBA STC: 0796/3034
REF. JCAB STC: STC-90-TYO

The D206-559-033 Wearplate kit can be installed on D206-559-013/-023 Bearpaw installations. The D3859-041 Wearplates should be installed on the D2432F or D2672F Bearpaws as shown in Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the skidtube per installation instructions D206-559 Rev H or earlier.

Customers with old style bearpaws will need to rework the counterbore on the bottom of the bearpaws per Figure 1 on Sheet 2 of this service instruction.

WEIGHT AND BALANCE

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D206-559-033 Wearplate Kit Configuration 4 -013/-023 L High	3.00 lb 1.36 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	157 in 3.99 m	471.0 in-lb 5.43 m-kg
D206-559-033 Wearplate Kit Configuration 5 -013/-023 L/407 Low	3.00 lb 1.36 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	149 in 3.78 m	447.0 in-lb 5.14 m-kg
D206-559-033 Wearplate Kit Configuration 5 -013/-023 L/407 High	3.00 lb 1.36 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	148 in 3.76 m	444.0 in-lb 5.11 m-kg

PARTS LIST

QTY. -033	PART NUMBER	DESCRIPTION
X	D206-559-033	Wearplate Kit
2	D3859-041	Wearplate
12	AN4-15A	Bolt
12	AN4-17A	Bolt
12	NAS1149D0463J	Washer
12	MS21042L4	Nut or (MS21042-4)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 45467

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: [Signature]
D. SHEPHERD (DE # 02)

DATE: 09.01.15
CERT. NO.: SH92-17
ISSUE NO.: 7

A	NEW ISSUE	BY: <u>[Signature]</u>	09.01.15
REV.	DESCRIPTION	DATE	
DESIGN	<u>[Signature]</u>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<u>[Signature]</u>	DRAWING NO.	REV. A
CHECKED	<u>[Signature]</u>	DSI 9431	SHEET 1 OF 2
MFG. APPR.	N/A	TITLE	SCALE
APPROVED	<u>[Signature]</u>	WEARPLATE KIT	NTS
DE APPR.	<u>[Signature]</u>	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	09.01.15		

Dart Aerospace Ltd

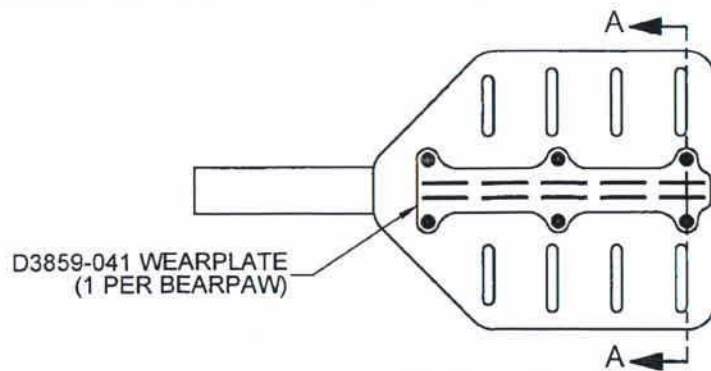
W/O:		WORK ORDER CHANGES					
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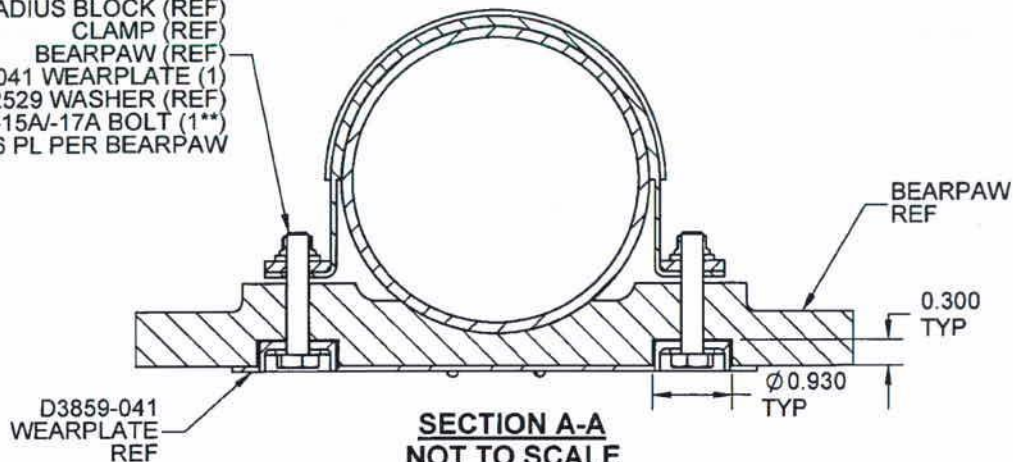
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BOTTOM VIEW

MS21042L4 NUT(1)
 NAS1149D0463J WASHER (1*)
 D2274 RADIUS BLOCK (REF)
 CLAMP (REF)
 BEARPAW (REF)
 D3859-041 WEARPLATE (1)
 D2529 WASHER (REF)
 AN4-15A/-17A BOLT (1**) 6 PL PER BEARPAW



SECTION A-A
NOT TO SCALE
ROTATED 90° CW

* ADDITIONAL NAS1149D0463J WASHERS MAY BE INSTALLED UNDER NUTS TO ENSURE 1.5 - 4 THREADS IN SAFETY ON BOLTS. ALTHOUGH NOT GENERALLY NECESSARY, IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-15A/-17A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

** USE AN4-15A BOLTS WITH (1) NAS1149D0463J WASHER IF INSTALLING BEARPAW ON Ø3.0 OR SMALLER SKIDTUBE. USE AN4-17A BOLTS WITH (2) NAS1149D0463J WASHERS IF INSTALLING BEARPAW ON TUBE LARGER THAN Ø3.0 (DART TUBE).

FIGURE 1: D206-559-033 WEARPLATE KIT

ENGINEERING
 UNCONTROLLED COPY
 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 15467

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

APPROVED
 BY: [Signature]
 D. SHEPHERD (DE # 02)

DATE: 09.01.15
 CERT. NO.: SH92-17
 ISSUE NO.: 7

DESIGN	<u>[Signature]</u>	DART AEROSPACE LTD	
DRAWN	<u>[Signature]</u>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<u>[Signature]</u>	DRAWING NO. DSI 9431	REV. A
MFG. APPR.	N/A		SHEET 2 OF 2
APPROVED	<u>[Signature]</u>	TITLE WEARPLATE KIT	SCALE
DE APPR.	<u>[Signature]</u>		NTS
DATE	09.01.15	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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